

Refine Search

Search Results -

Terms	Documents
(hydroxymethylthiobutyric acid)	6

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L6

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, December 24, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L6</u>	(hydroxymethylthiobutyric acid)	6	<u>L6</u>
<u>L5</u>	L4 and 560/\$	0	<u>L5</u>
<u>L4</u>	L3 and l2	1	<u>L4</u>
<u>L3</u>	electrodialy\$6 and ammonia and sulfuric acid	960	<u>L3</u>
<u>L2</u>	(hmtba or hydroxymethylthiobutyric acid) and extract\$4	3	<u>L2</u>
<u>L1</u>	hmtba and extract\$4	3	<u>L1</u>

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 6180359 B1

L4: Entry 1 of 1

File: USPT

Jan 30, 2001

US-PAT-NO: 6180359

DOCUMENT-IDENTIFIER: US 6180359 B1

TITLE: Industrial scale process for the preparation of 2-hydroxy-4-methylbutyric acid using a nitrilase

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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Terms	Documents
L3 and L2	1

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20030124698 A1

L6: Entry 1 of 6

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030124698
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030124698 A1

TITLE: Nitrilases

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
DeSantis, Grace	San Diego	CA	US	
Chaplin, Jennifer Ann	San Diego	CA	US	
Chi, Ellen	Del Mar	CA	US	
Milan, Aileen	San Diego	CA	US	
Short, Jay M.	Rancho Santa Fe	CA	US	
Weiner, David	Del Mar	CA	US	
Maddes, Mark	La Mesa	CA	US	
Madden, Darcy	La Mesa	CA	US	
Burk, Mark J.	La Mesa	CA	US	
Mathur, Eric	Carlsbad	CA	US	

US-CL-CURRENT: 435/196; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 2. Document ID: US 6180359 B1

L6: Entry 2 of 6

File: USPT

Jan 30, 2001

US-PAT-NO: 6180359
DOCUMENT-IDENTIFIER: US 6180359 B1

TITLE: Industrial scale process for the preparation of 2-hydroxy-4-methylbutyric acid using a nitrilase

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 3. Document ID: JP 05211846 A

L6: Entry 3 of 6

File: JPAB

Aug 24, 1993

PUB-NO: JP405211846A

DOCUMENT-IDENTIFIER: JP 05211846 A

TITLE: FEED ADDITIVE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 4. Document ID: WO 2853 A1

L6: Entry 4 of 6

File: EPAB

Jan 20, 2000

PUB-NO: WO000002853A1

DOCUMENT-IDENTIFIER: WO 2853 A1

TITLE: METHOD FOR SEPARATING HYDROXYMETHYLTHIOBUTYRIC ACID

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 5. Document ID: WO 2852 A1

L6: Entry 5 of 6

File: EPAB

Jan 20, 2000

PUB-NO: WO000002852A1

DOCUMENT-IDENTIFIER: WO 2852 A1

TITLE: METHOD FOR PREPARING HYDROXYMETHYLTHIOBUTYRIC ACID

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 6. Document ID: EP 1254110 A1, WO 200156980 A1, AU 200142376 A

L6: Entry 6 of 6

File: DWPI

Nov 6, 2002

DERWENT-ACC-NO: 2001-581719

DERWENT-WEEK: 200281

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TITLE: Preparation of monomeric hydroxymethylthiobutyric acid ester used as methionine analogue for feeding breeding animals, involves reacting hydrolyzed hydroxymethylthiobutyric acid with alcohol

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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Terms

Documents